

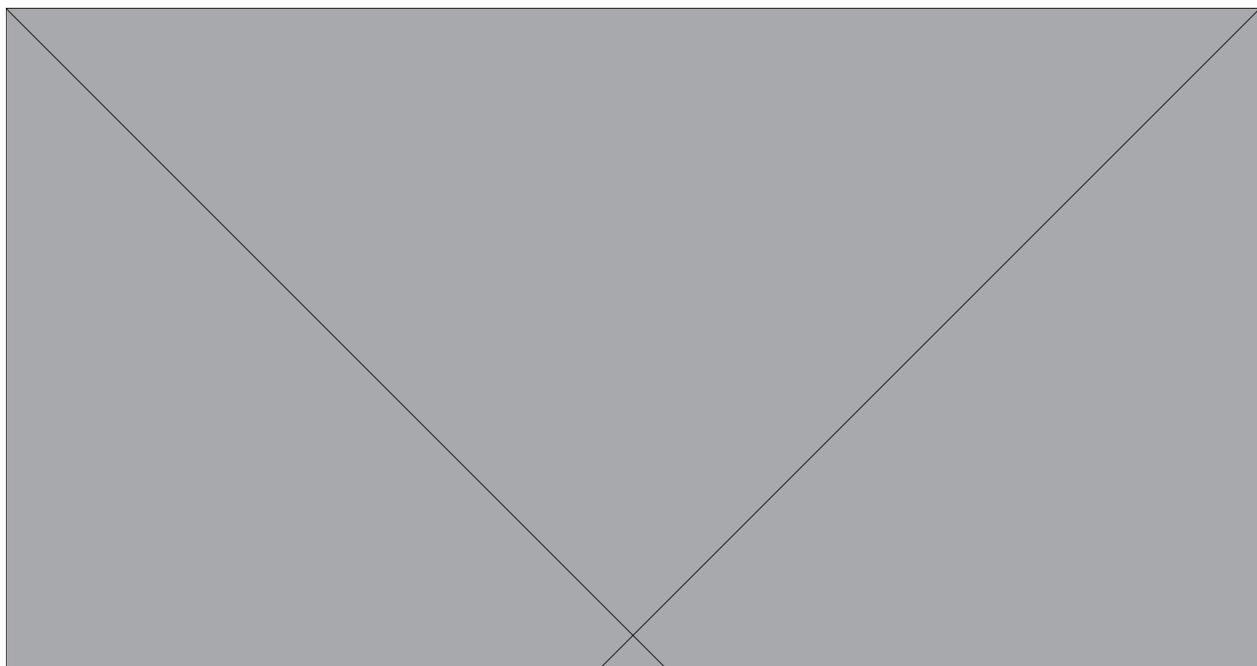


# Ecophon Hygiene Foodtec™ Protection C3

Ecophon Hygiene Foodtec Protection C3 is a sound-absorbing wall panel system intended for use in environments where there is risk of contamination, and where frequent cleaning is required. It is intended for use on walls in the occupied area, where there is a risk for mechanical impact. Ecophon Hygiene Foodtec Protection C3 can also be installed horizontally as a ceiling system. Examples of applications: the food and beverage industries, restaurants and catering kitchens.

The system consists of Ecophon Hygiene Foodtec Wall panel, which has a core of high density, 3rd generation glass wool and a painted stain protected Akutex HS surface on both sides. The edges are painted. The panel

is protected from mechanical impact by the corrosion protected Connect Protection cage C3 of coated steel wire with square mesh. The panel is positioned with an airgap of 14 mm to the surface behind allowing for air to circulate. The weight of the system is 6 kg/pcs.

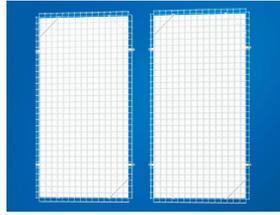


## SYSTEM RANGE

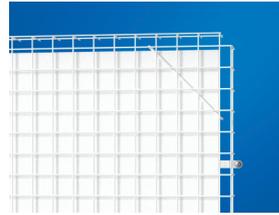
Size, mm	1200x600
Special Fixing	•
Thickness	40
Inst. Diag.	M261



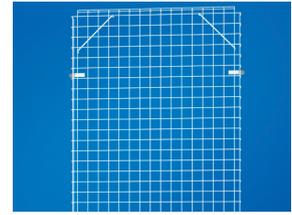
Hygiene Foodtec Wall



Hygiene Foodtec Protection C3 system



Connect Protection cage C3



Detail of Hygiene Foodtec Protection C3

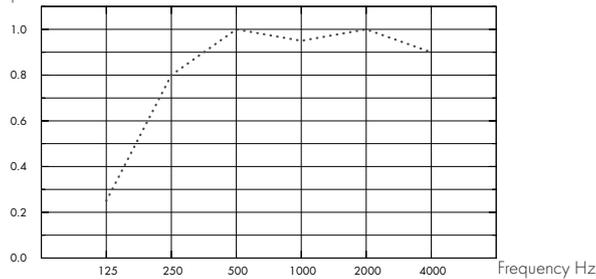


## Acoustic

### Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.

$\alpha_p$  Practical sound absorption coefficient



... Hygiene Foodtec Protection, 54 mm o.d.s.

o.d.s = overall depth of system

THK mm	o.d.s. mm	$\alpha_p$ Practical sound absorption coefficient						$\alpha_w$	Sound absorption class
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
40	54	0,25	0,80	1,00	0,95	1,00	0,90	1,00	A



## Accessibility

The tiles are demountable.



## Cleanability

Daily dusting and vacuum cleaning. Weekly wet cleaning on all surfaces and high-pressure washing twice a year. Can withstand the use of common disinfecting chemicals.



## Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



## Influence of climate

The tiles withstand a permanent ambient RH up to 95% at 30°C without sagging, warping or delaminating (ISO 4611). A higher temperature/moisture is permissible during washing as stated above. Microbiological growth class 0 according to ASTM G 21-96. The grid and accessories meet the demands of corrosion class C3 according to EN ISO 12944-2.



### Indoor Climate

Certificate / Label

Europe

EN  
13501-1

Can be used in rooms classified as ISO class 5 according to ISO 14644-1.



### Environmental influence

Certificate / Label

Europe

EN  
13501-1

Fully recyclable.



### Fire safety

Country

Standard

Class

Europe

EN 13501-1

A2-s1,d0

The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.



### Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at [www.ecophon.com](http://www.ecophon.com).



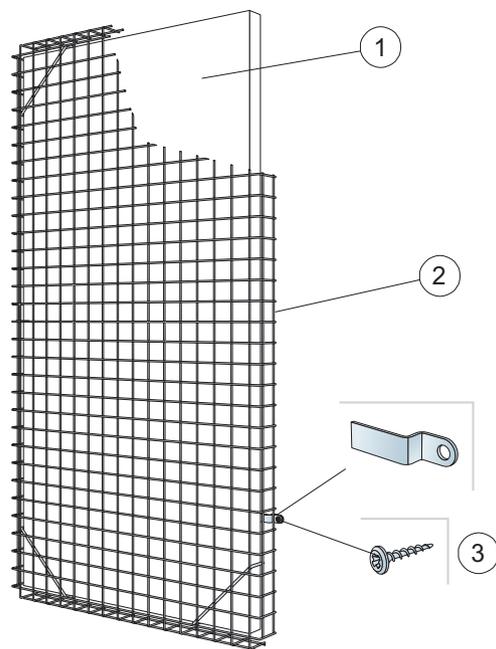
### Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



### CE

The CE marking confirms important product performance such as sound absorption, emissions, fire safety and load bearing capacity. All Ecophon ceiling products are CE marked according to European standard EN13964, and individual product performance is declared in Declaration of Performance (DoP) documents.

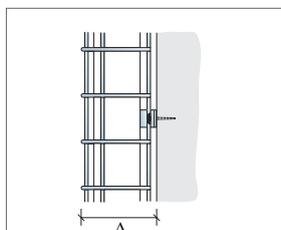


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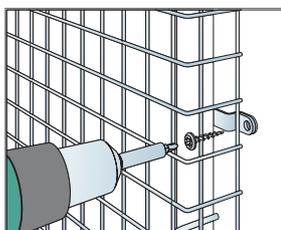
QUANTITY SPECIFICATION (EXCL. WASTAGE)

	<b>Size, mm</b>
	<b>1200x600</b>
1 Hygiene Foodtec Wall	1,4/m <sup>2</sup>
2 Connect Protection cage C3, incl. fixing brackets	1/panel
3 Wall screw, C3 classed (not supplied by Ecophon)	4/cage

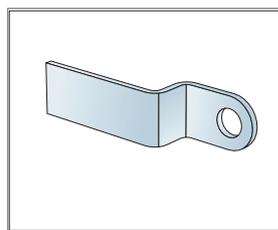
Δ Min. overall depth of system: 65 mm



See Quantity specification



Installation with C3 classed screw



Fixing bracket

Size, mm	Max live load [N]	Min load bearing capacity [N]
1200x600	0	-

Live load/load bearing capacity